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1 [The impact of object technology on commercial transaction processing](#)

[Edward E. Cobb](#)

August 1997

The VLDB Journal — The International Journal on Very Large Data Bases, Volume 6 Issue 3

Publisher: Springer-Verlag New York, Inc.

Full text available: [PDF](#) (649.17 KB)

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Businesses today are searching for information solutions that enable them to compete in the global marketplace. To minimize risk, these solutions must build on existing investments, permit the best technology to be applied to the problem, and be manageable. ...

Keywords: Objects, Workflow, transaction processing

2 [Ultra-low power data storage for sensor networks](#)

[Gaurav Mathur](#), [Peter Desnoyers](#), [Paul Chikli](#), [Deepak Ganesan](#), [Prashant Shenoy](#)

November 2009

Transactions on Sensor Networks (TOSN), Volume 5 Issue 4

Publisher: ACM

Full text available: [PDF](#) (1.26 MB)

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Local storage is required in many sensor network applications, both for archival of detailed event information, as well as to overcome sensor platform memory constraints. Recent gains in energy efficiency of new-generation NAND flash storage have strengthened ...

Keywords: embedded systems, energy efficiency, file system, flash memory, objects, sensors, storage system

3 [MashQL: a query-by-diagram tool for SPARQL](#)

[Mustafa Jarar](#), [Marios D. Dikaiakos](#)

October 2008 **ONISW '08: Proceeding of the 2nd international workshop on Ontologies and information systems for the semantic web**

Publisher: ACM

Full text available: [PDF](#) (523.99 KB)

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This article is motivated by the importance of building web data mashups. Building on the remarkable success of Web 2.0 mashups, and specifically Yahoo Pipes, we generalize the idea of mashups and regard the Internet as a database. Each internet ...

Keywords: RDF, SPARQL, Web 2.0, Web 3.0, data web, linked data, mashups, query pipelines, query-by-diagram, semantic web

4 [A Survey of Mobile Transactions](#)

[Patricia Serrano-Alvarado](#), [Claudia Boncancio](#), [Michel Adiba](#)

September 2004

Distributed and Parallel Databases, Volume 16 Issue 2

Publisher: Kluwer Academic Publishers

Full text available: [Publisher Site](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count

Transaction support is crucial in mobile data management. Specific characteristics of mobile environments (e.g., variable bandwidth, disconnections, limited resources on mobile hosts) make traditional transaction management techniques no longer appropriate. ...

Keywords: atomicity, consistency, databases, durability, isolation, mobile transactions, mobility, transaction execution

5 [Communications of the ACM: Volume 53 issue 11](#)



November 2010

Communications of the ACM

Publisher: ACM

Full text available: [Digital Edition](#) , [PDF \(8.56 MB\)](#)

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6 [Proceedings of the 14th international conference on Principles of distributed systems](#)

Chenyang Lu, Toshimitsu Masuzawa, Mohamed Moshah

December 2010 **OPODIS'10:** Proceedings of the 14th international conference on Principles of distributed systems

Publisher: Springer-Verlag

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